

From: [Congdon, Julie](#)
To: [Melde, Vivian](#)
Subject: RE: your message
Date: Tuesday, March 03, 2015 1:20:00 PM
Attachments: [Eastern Michaud Flats Superfund Site - reviewed and revised 3-3-15.docx](#)

Hi, Vivian –

I will call you in just a few minutes (I have an offsite meeting at 2 which should be done by 3 so I should be back in the office by 3:15). To follow up on your items below...

1. Scope items and delivery dates for formatted fact sheet and final camera-ready fact sheet. I've attached the reviewed and revised text.

I still need to send you a graphic about the Superfund process, but I need to get final edits from the team on that.

When do you think you can have a formatted, very-close-to-final fact sheet for us to have one last look and review of?

If you can have a final, camera-ready fact sheet by Friday, that'd be great, but if it isn't until Monday, that's fine—I would need it by 12noon PST so that I can have it printed and packed up ready for the team to take with them when they fly out to Idaho that evening/next morning.

2. Pine Ridge Mall status re: call between Nicole Merrill and Beth Sheldrake.
Sounds like all is copasetic on that front.

3. Meeting displays, which I believe are now two: one was Superfund Process and the other is the 5-Year Review Process. Do you want to keep the same look of the Superfund Process as the October 2012 fact sheet? Note FMC Remedial Design Work Plan (approved Dec. 2013); Remedial Action Work Plan for Site-Wide Grading (approved 2014). Where is Simplot within the process?

I would say that, to save time in printing and shipping,

I can take care of those here since we're going to use the existing graphics,

and I can have them printed up as posters for the team to take with them when they fly on Monday night/Tuesday morning.

4. Photos: Since a number of photos were provided, perhaps we can use the photos in the meeting displays as well as the fact sheet; however, I need to have descriptive information for the photos.

I will check with the team on this, but as with #3, I could have them done here so as to save time in printing and shipping, and the team can take them with them.

Talk to you soon – Thanks! – Julie

From: Melde, Vivian [mailto:VMelde@ene.com]
Sent: Monday, March 02, 2015 11:56 AM

To: Congdon, Julie
Cc: Fowlow, Jeffrey; Shivjiani, Dhroov
Subject: RE: your message

Hi Julie, can we schedule a kick-off meeting in the next day or so to go over the following?

1. Scope items and delivery dates for formatted fact sheet and final camera-ready fact sheet.
2. Pine Ridge Mall status re: call between Nicole Merrill and Beth Sheldrake.
3. Meeting displays, which I believe are now two: one was Superfund Process and the other is the 5-Year Review Process. Do you want to keep the same look of the Superfund Process as the October 2012 fact sheet? Note FMC Remedial Design Work Plan (approved Dec. 2013); Remedial Action Work Plan for Site-Wide Grading (approved 2014). Where is Simplot within the process?
4. Photos: Since a number of photos were provided, perhaps we can use the photos in the meeting displays as well as the fact sheet; however, I need to have descriptive information for the photos.

Please let me know when you'd like to have a call and who will be participating. I can do an Outlook invite to all participants and provide a call-in number.

Vivian Melde

Ecology and Environment, Inc.

1007 W 3rd Avenue, Suite 201, Anchorage, AK 99501

Phone: 907-257-5000 Ext: 3305 | Fax: 907-257-5000

vmelde@ene.com | www.ene.com



Celebrating 40 Years of Green Solutions

From: Congdon, Julie [<mailto:Congdon.Julie@epa.gov>]
Sent: Friday, February 27, 2015 2:43 PM
To: Melde, Vivian
Subject: RE: your message

Hi, Vivian –

The draft fact sheet text is getting circulated among the team for edits, comments, etc., and we should have it back to you on Monday.

In the meantime, if you'd like to see an example of some of our fact sheets, I've attached one that was done for the Duwamish,

as well as this one done for a Puget Sound site: http://www.epa.gov/region10/pdf/sites/wyckoff-eagleharbor/wyckoff_cleanup_alternatives_fs_nov_2014.pdf

Cheers – Julie

From: Melde, Vivian [<mailto:VMelde@ene.com>]

Sent: Friday, February 27, 2015 1:52 PM

To: Congdon, Julie

Subject: your message

Hi Julie, apparently your message exceeds the size of my mailbox. Is there another way for me to get it or can you reduce the size of the message or attachments or send more than one email?

Thanks,

Vivian Melde

Ecology and Environment, Inc.

1007 W 3rd Avenue, Suite 201, Anchorage, AK 99501

Phone: 907-257-5000 Ext: 3305 | Fax: 907-257-5000

vmelde@ene.com | www.ene.com



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Eastern Michaud Flats Superfund Site

Update on Current and Future Work

March 2015

During 2015, the U.S. Environmental Protection Agency (EPA) will be completing the first Five-Year Review at the Eastern Michaud Flats (EMF) Superfund Site. The review will assess whether the soil and groundwater cleanup work identified in the Record of Decision (ROD) and Interim Record of Decision Amendments (IRODAs) will, when fully implemented, be protective of human health and the environment. The EPA welcomes your participation during our review. If you have information that may help us, please contact one of the EPA staff identified in this fact sheet.

The EMF Superfund Site covers approximately 2,530 acres northwest of Pocatello, Idaho. It includes two adjacent phosphate ore processing facilities that began operations in the 1940's. The FMC Corporation closed their plant in December 2001. The J.R. Simplot Company Don Plant is still an active facility. The EPA issued a ROD for the site in 1998. The IRODAs were issued by the EPA for the Simplot portion of the site in 2010 and FMC portion of the site in 2012. Remedial actions are currently being implemented at both sites.

Current and Future Work at the Site

The FMC Area

The EPA's cleanup plan for the former FMC plant area focuses on elemental phosphorus, metals, and radiation in soils, fill, and groundwater. It calls for placing clean soil covers called "caps" over contaminated soils to protect people and the environment. The soil caps will be designed to minimize rain and melting snow from filtering through contaminated areas and further polluting the groundwater below. The plan also requires treatment to clean up contaminated groundwater which will protect local springs and the Portneuf River.

The FMC Corporation has begun work to implement the 2012 IRODA under a 2013 Unilateral Administrative Order (UAO) issued by the EPA. The Order requires FMC to design, implement and pay for the remedial actions specified in the 2012 IRODA under oversight by the EPA with technical support from the Shoshone-Bannock Tribes and Idaho Department of Environmental Quality.

Under an EPA-approved engineering design, in September 2014 FMC began grading/excavating slag and soil to create more gently slopes in areas to receive soil caps. That work continued into December 2014 and then ceased for the winter. Construction work is scheduled to resume March 16, 2015. The grading phase is scheduled to be completed in June 2015 at which time soil cap installation will begin. Installation of soil caps on the graded surface is scheduled to be completed in December 2015.

Engineering design work to address contaminated groundwater is also under way. FMC tested some extraction wells during the summer of 2014. Information gathered from that work, and previous groundwater investigations, was used to develop a preliminary engineering design for extracting and treating contaminated groundwater. The groundwater remedial design work is scheduled to continue through 2015 and the system installed in 2016.

Simplot Don Plant Area

EPA's cleanup plan for the Simplot Don Plant focuses on phosphorus, arsenic and other metals in the ground water, local springs and the Portneuf River. It requires ongoing and past releases of contaminants near Simplot's phosphoric acid plant to be addressed. To do this, a synthetic liner is being placed on the receiving surface of the gypsum stack to reduce the infiltration of contaminated water through the stack to groundwater. A series of wells

has also been installed so that contaminated ground water can be extracted before it flows into the Portneuf River.

The Simplot Company has been implementing actions under a 2001 and 2010 Consent Decree with the EPA. The Consent Decree requires Simplot to design, implement, maintain and pay for the actions specified in the 1998 ROD and 2010 IRODA under oversight by the EPA. Simplot currently operates a series of 12 extraction wells that pump more than 800 gallons per minute of phosphorus-rich water from groundwater beneath the site. Water pumped from the wells is reused in the plant.

In 2010 Simplot began construction of the synthetic liner on top of the gypsum stack. Approximately 75% of the receiving area of the stack has been lined. Water drained from the gypsum placed on top of the lined areas is currently being collected and returned to the plant for reuse. The final section of the gypstack is scheduled to be completed in 2017.

Simplot has also implemented numerous projects to replace and upgrade tanks and sumps in the production area that were identified as having leaked in the past or found to be susceptible to future leaks. New areas were constructed to include features that would allow for any future leaks to be more easily detected and contained prior to entering the soil and groundwater.

Each quarter water quality samples are taken from over 130 wells, 2 springs and the Portneuf River to help track progress towards reaching the cleanup objectives and to evaluate changes that might indicate a release from the plant. Additional samples are collected from wells located in the areas with the highest concentrations of phosphorus.

As a result of the work being done at the Don Plant, the amount of phosphorous entering the Portneuf River in groundwater has decreased by over 50%. However, further reductions are necessary to provide for the protection of fish and other organisms living in the river.

For further information

Please contact one of the Project Managers or Community Involvement Coordinator.

Simplot Area and Off-Plant Areas

[Jannine Jennings](mailto:jennings.jannine@epa.gov) (jennings.jannine@epa.gov)

206-553-2724 or 800-424-4372 ext 2724

FMC Area

[Jonathan Williams](mailto:williams.jonathan@epa.gov) (williams.jonathan@epa.gov)

206-553-1369, or 800-424-4372 ext 1369

Community Involvement Coordinator: Julie Congdon (congdon.julie@epa.gov)

206-553-2752, 800-424-4372 ext 2752